

URLs

Uniform Resource Locators



Terminology

- Uniform Resource Locator (URL)
 - Used to identify webpages and other resources
- Hypertext Transport Protocol (HTTP)
 - Used to transfer webpages from server to browser
- Hypertext Markup Language (HTML)
 - Used to create webpages, parsed by browser

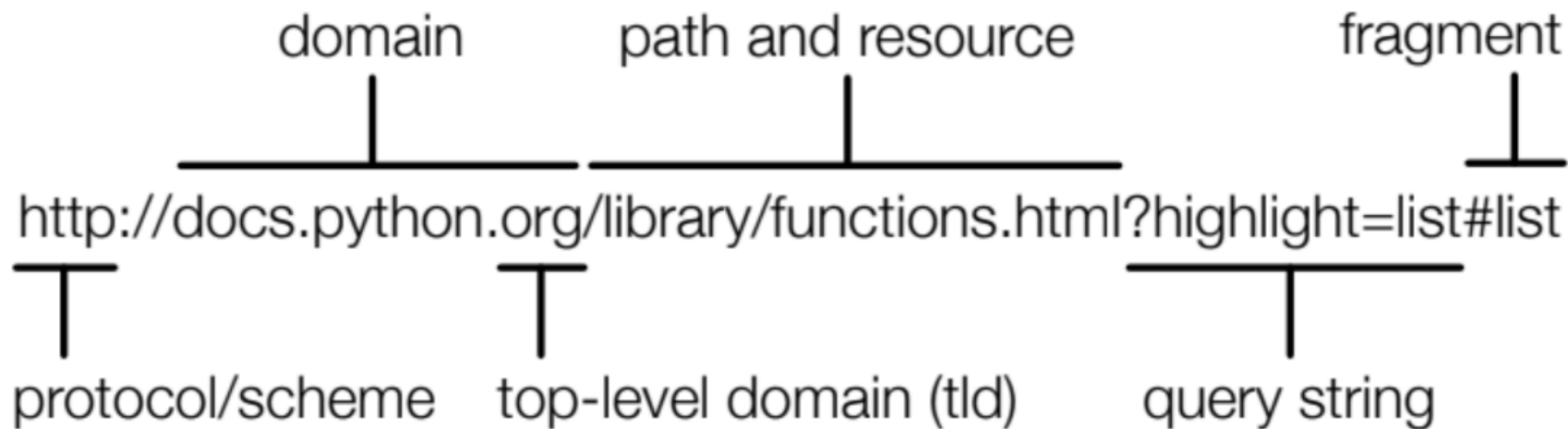


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URL Components



Uniform Resource Locator

Required

- Transfer Protocol
- Domain (or IP address)
- Path & Resource
(defaults to / if missing)

Optional

- Query String
- Fragment (bookmark)



Uniform Resource Locator

```
chris — cbryan2@stargate:~ — ssh cbryan2@stargate.cs.usfca.edu — 103x29
[cbryan2@g1201:~$ nslookup www.bbc.com
Server:          10.10.12.253
Address:         10.10.12.253#53

Non-authoritative answer:
www.bbc.com      canonical name = www-bbc-com.bbc.net.uk.
www-bbc-com.bbc.net.uk canonical name = bbc.map.fastly.net.
Name:   bbc.map.fastly.net
Address: 151.101.40.81

cbryan2@g1201:~$
```

 **IP Address for the domain**





CHANGE THE WORLD FROM HERE